**HFSARCHITECTS**

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Salt Lake City, Utah 84101
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Addendum No. 01

Project:	Provo DWS - HVAC System Upgrade & Ceiling Replacement	Date:	09 February 2005
Address:	1525 North Freedom Boulevard	Project No.:	0426.01
City, State:	Provo, Utah	Owner No.:	04210920
Owner:	DFCM	Agency:	Department of Workforce Services

To all Bidders of Record:

This addendum forms a part of the contract documents and modifies the original specifications and drawings as noted below. Items of general information are included without reference to the plans and specifications. Revisions to the specifications are referenced by page number and paragraph heading on that page. Revisions to the drawings are reference by the drawing number. Unless otherwise stated, any changes herein offset only the specific drawings, words, or paragraphs mentioned, and the balance of the drawings and specifications remain in full force. Acknowledge receipt of this addendum in the space provided on the Bid form. Failure to do so will subject the Bidder to disqualification.

Item Section or

No. Sheet No.

Description

GENERAL ITEMS

- | | |
|-----|--|
| 1-1 | The bid date has been changed from February 16, 2005 at 3:00 PM to February 23, 2005 at 3:30 PM. Bids should still be turned in to Sue Smith at DFCM, 4110 State Office Building, Salt Lake City, Utah 84114. |
| 1-2 | The completion date for the project will be July 29, 2005. |
| 1-3 | A new "Bid Form" has been issued as a "pdf" type file and is included with the addendum. This form indicates the new completion date of July 29, 2005 and has added one alternate. |
| 1-4 | A pre-bid meeting for the Mechanical Contractors will be February 11, 2005 starting at 9:00 AM at the Provo DWS building. All mechanical contractors wishing to bid on this project are strongly encouraged to attend this meeting. Other sub-contractors wishing to bid on this project are welcome to attend this meeting. This meeting is to allow contractors to visit the site and review the areas of work with regards to the requirements of the contract documents. DO NOT BRING QUESTIONS TO THIS MEETING. ALL QUESTIONS MUST BE SUBMITTED IN WRITING TO THE PROJECT MANAGER, CRAIG WESSMAN AT DFCM. |
| 1-5 | Questions concerning this project are to be submitted in writing either by fax or e-mail to Craig Wessman, Project Manager, DFCM. The fax number is 801 538-3267 and the e-mail address is cwessman@utah.gov . Questions may also be submitted to the Architect for this project, and only this project, which is Robyn Smith at HFS Architects, fax number 801 596-0693, or e-mailed to rsmith@hfsa.com . |
| 1-6 | The construction cost estimate from the "Invitation to Bid" is changed from \$600,000 to \$712,000. |

Item No.	Section or Sheet No.	Description
1-7		This project will be awarded to the contractor with the combined lowest price of the base bid and alternate #1. The initial contract will be written based on the base bid amount. Alternate #1 will be added by change order to the contract once funding for the fire alarm system is approved by the Utah State Building Board. The earliest approval will be after their meeting scheduled for March 16, 2005. It is expected that the funding for this specific project will be considered for approval at the March 16 meeting. If approval is not considered for this item at the March 16 meeting, the next meeting when approval is expected would be mid April, 2005. If other funding for Alternate #1 is provided before the contract is issued, the contract would be written with the combined price and submitted to the Contractor for signature and execution.

SPECIFICATION ITEMS

1-8	01230-2	Revise ALTERNATE 1 to read: <i>"FIRE ALARM SYSTEM."</i>
1-9	08710-12	Revised HARDWARE GROUP 3 to read: <i>"INCLUDE A LUMP SUM ALLOWANCE OF \$5,000 TO COVER THE COST TO HAVE UTAL CONTROLS INC. PROVIDE AND INSTALL CARD ACCESS CONTROLS ON THREE DOORS."</i>
1-10	15010-1	Part 1.00, Section 2 (PRE-BID MEETING...): Replace the entire section with the following: <i><u>"MECHANICAL PRE-BID MEETING:</u></i> <i>A pre-bid meeting for mechanical contractors shall be held at the project site at 9:00 AM, Friday, February 11th, 2005. It is highly suggested that contractors interested in bidding this project attend. See PROJECT INSPECTION AND EXAMINATION OF DRAWINGS in this section."</i>
1-11	15400-2	Part 2.00: Add the following after Section 1 (CLEANOUTS...): <i><u>"Plumbing Fixtures:</u></i> <i>EWC-1: Elkay EHFA8 Water Cooler. 7.6 GPH capacity for 50°F drinking water from 80°F entering water and 90°F room air temperature, A.D.A. approved, barrier free, wall mounted, one piece backsplash and basin, front and side push-bars, p-trap, and new supply tubing. Cut electrical cord to length. Electrical: 325 Watts at 120/1/60. (May be approved equal of Haws or Sunroc)."</i>

DRAWING ITEMS

1-12	GI100	DRAWING INDEX: Add the following sheet to the index <i>"PL100 PLUMBING PLANS."</i>
1-13	GI100	Add the following General Note: <i>"7. Fire sprinkler branch piping shall be re-routed or re-positioned as necessary to accommodate the reconfigured floor plans and the proximity of new and/or relocated walls. In addition, the branch piping shall be re-routed or re-positioned as necessary to avoid the ceiling grid t-bar and conflicts with light fixtures and/or mechanical grilles. Any new branch piping shall be schedule 40 black steel. Should new heads be needed, pendant type heads similar to</i>

Item No.	Section or Sheet No.	Description
		<i>the existing heads shall be used. Replace missing fire sprinkler escutcheons as necessary. Allowance shall be made for escutcheons documented as missing or damaged before the start of construction. Escutcheons requiring replacement due to loss or damage during construction shall be replaced at the expense of the contractor."</i>
1-14	AS101	C1/AS101: ENLARGED RE-ROOF PLAN: Replace drawing with the attached drawing REVISED DETAIL C1/AS101.
1-15	AS101	C4/AS101: ENLARGED SITE PLAN: Replace drawing with the attached drawing REVISED DETAIL C4/AS101.
1-16	AS501	Add the attached drawings: DETAIL A3/AS501, DETAIL B3/AS501, DETAIL A4/AS501, DETAIL B4/AS501, DETAILS C4/AS501, DETAIL D4/AS501.
1-17	AE101	Add the attached revised partial floor plan: REVISED PLAN A3/AE101.
1-18	AE101 & AE102	FINISH LEGEND: Revise Floor Finish 2 to read: "EXISTING FLOOR FINISH W/ NO NEW BASE ON NEW WALLS."
1-19	AE111	Add the attached revised partial reflected ceiling plan: REVISED CEILING PLAN A3/AE111.
1-20	AE501	Add the attached drawing: DETAIL B4/AE501.
1-21	AE601	Add the attached drawings: REVISED DETAIL A3/AE601, REVISED DETAIL C4/AE601, REVISED DETAIL C5/AE601.
1-22	AE601	DOOR SCHEDULE: Revise the "DOOR TYPE for DOOR 019 to read B."
1-23	AE601	DOOR SCHEDULE: Revise the "DOOR FINISH for ALL DOORS to read STAINED."
1-24	MH200	Add the following General Note: "1. Fire sprinkler branch piping shall be re-routed or re-positioned as necessary to accommodate the reconfigured floor plans and the proximity of new and/or relocated walls. In addition, the branch piping shall be re-routed or re-positioned as necessary to avoid the ceiling grid t-bar and conflicts with light fixtures and/or mechanical grilles. Any new branch piping shall be schedule 40 black steel. Should new heads be needed, pendant type heads similar to the existing heads shall be used. Replace missing fire sprinkler escutcheons as necessary. Allowance shall be made for escutcheons documented as missing or damaged before the start of construction. Escutcheons requiring replacement due to loss or damage during construction shall be replaced at the expense of the contractor."
1-25	MH201	Add the following General Note: "1. Fire sprinkler branch piping shall be re-routed or re-positioned as necessary to accommodate the reconfigured floor plans and the proximity of new and/or relocated walls. In addition, the branch piping shall be re-routed or re-

Item No.	Section or Sheet No.	Description
		<i>positioned as necessary to avoid the ceiling grid t-bar and conflicts with light fixtures and/or mechanical grilles. Any new branch piping shall be schedule 40 black steel. Should new heads be needed, pendant type heads similar to the existing heads shall be used. Replace missing fire sprinkler escutcheons as necessary. Allowance shall be made for escutcheons documented as missing or damaged before the start of construction. Escutcheons requiring replacement due to loss or damage during construction shall be replaced at the expense of the contractor."</i>
1-26	PL100	<p>Add the following General Note:</p> <p><i>"1. Each existing electric water cooler shall be removed and properly disposed of. There are four total coolers. Two are on each floor, and are located on the east and west ends of the building core. Each shall be replaced by a new water cooler 'EWC-1'. A 16 ga. 304 stainless steel sheet-metal cover shall be installed as necessary to cover any existing opening left in the existing wall. The sheet-metal cover shall be made wide enough and tall enough to symmetrically cover the opening and be equally spaced from the edges of the new cooler as to be aesthetically pleasing. Edges of sheet-metal cover shall be beveled."</i></p>
1-27	PL100	<p>Add the following General Note:</p> <p><i>"2. Fire sprinkler branch piping shall be re-routed or re-positioned as necessary to accommodate the reconfigured floor plans and the proximity of new and/or relocated walls. In addition, the branch piping shall be re-routed or re-positioned as necessary to avoid the ceiling grid t-bar and conflicts with light fixtures and/or mechanical grilles. Any new branch piping shall be schedule 40 black steel. Should new heads be needed, pendant type heads similar to the existing heads shall be used. Replace missing fire sprinkler escutcheons as necessary. Allowance shall be made for escutcheons documented as missing or damaged before the start of construction. Escutcheons requiring replacement due to loss or damage during construction shall be replaced at the expense of the contractor."</i></p>
1-28	ED100	Revise sheet keynotes (see attached drawing ESD-1).
1-29	ED101	Revise sheet keynotes (see attached drawing ESD-2).
1-30	ED102	Revise sheet keynotes (see attached drawing ESD-3).
1-31	EE100	Provide sheet keynotes callout no. 4 for egress lighting (see attached drawing ESD-4).
1-32	EE100	Provide sheet keynotes callout no. 4 for egress lighting (see attached drawing ESD-5).
1-33	EE100	Provide power connections to occupancy sensor power packs (see attached drawing ESD-6).
1-34	EE101	Provide power connection to occupancy sensor power pack (see attached drawing ESD-7).

Item No.	Section or Sheet No.	Description
1-35	EE101	Provide circuit to lights and exit signs (see attached drawing ESD-8).
1-36	EE101	Provide circuiting information for Chiller CH-1 and AC Unit AC-10 (see attached drawing ESD-9).
1-37	EE101	Provide circuit to lights (see attached drawing ESD-10).
1-38	EE102	Provide circuiting to Pump P-5 and Unit Heater UH-1 (see attached drawing ESD-11).
1-39	EX501	Revise sheet keynotes (see attached drawing ESD-12).

PRIOR APPROVALS

1-40

PRIOR APPROVAL OF MANUFACTURERS OF ELECTRICAL EQUIPMENT

The following items, trade names, products and manufacturers are approved for bidding. Approval does not relieve the bidder from satisfying the intent of the requirements of drawings, specifications and addenda in every respect. Failure to conform to the design quality and standards specified, established and required may result in later disapproval. If equipment must be disapproved after bidding, supplier shall supply specified equipment at no extra cost to the Owner.

Items are listed generally and specific model number, etc. shall be as submitted. Items submitted but not approved, either did not satisfy the requirements, or showed insufficient data, or arrived after the 8 day deadline established for submittals.

FIXTURE TYPE	SPECIFIED	APPROVED	
A	EXISTING	-	-
B	EXISTING	-	-
C	LITHONIA	LSI	METALUX
D	LITHONIA	LSI	METALUX
E	LITHONIA	LSI	METALUX
F	LITHONIA	LSI	METALUX
G	LITHONIA	LSI	METALUX
X1	LITHONIA	LSI	SURE-LITES
X2	LITHONIA	LSI	SURE-LITES

ATTACHMENTS

1-41	Revised BID FORM.
1-42	26 Attached drawings.

BID FORM
(Revised)

NAME OF BIDDER _____ DATE _____

To the Division of Facilities Construction and Management
4110 State Office Building
Salt Lake City, Utah 84114

The undersigned, responsive to the "Notice to Contractors" and in accordance with the Request for Bids for the **HVAC AND CEILING REPLACEMENT, PROVO WORKFORCE SERVICES BUILDING, DEPARTMENT OF WORKFORCE SERVICES, PROVO, UTAH** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: _____

For all work shown on the Drawings and described in the Specifications and Contract Documents, I/we agree to perform for the sum of:

BASE BID:

_____ DOLLARS (\$_____)
(In case of discrepancy, written amount shall govern)

ADDITIVE ALTERNATE #1:

_____ DOLLARS (\$_____)
(In case of discrepancy, written amount shall govern)

I/We guarantee that the Work will be Substantially Complete by **July 29, 2005**, should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$250** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of _____

The undersigned Contractor's License Number for Utah is _____.

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract. The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within the time set forth.

Type of Organization:

(Corporation, Partnership, Individual, etc.)

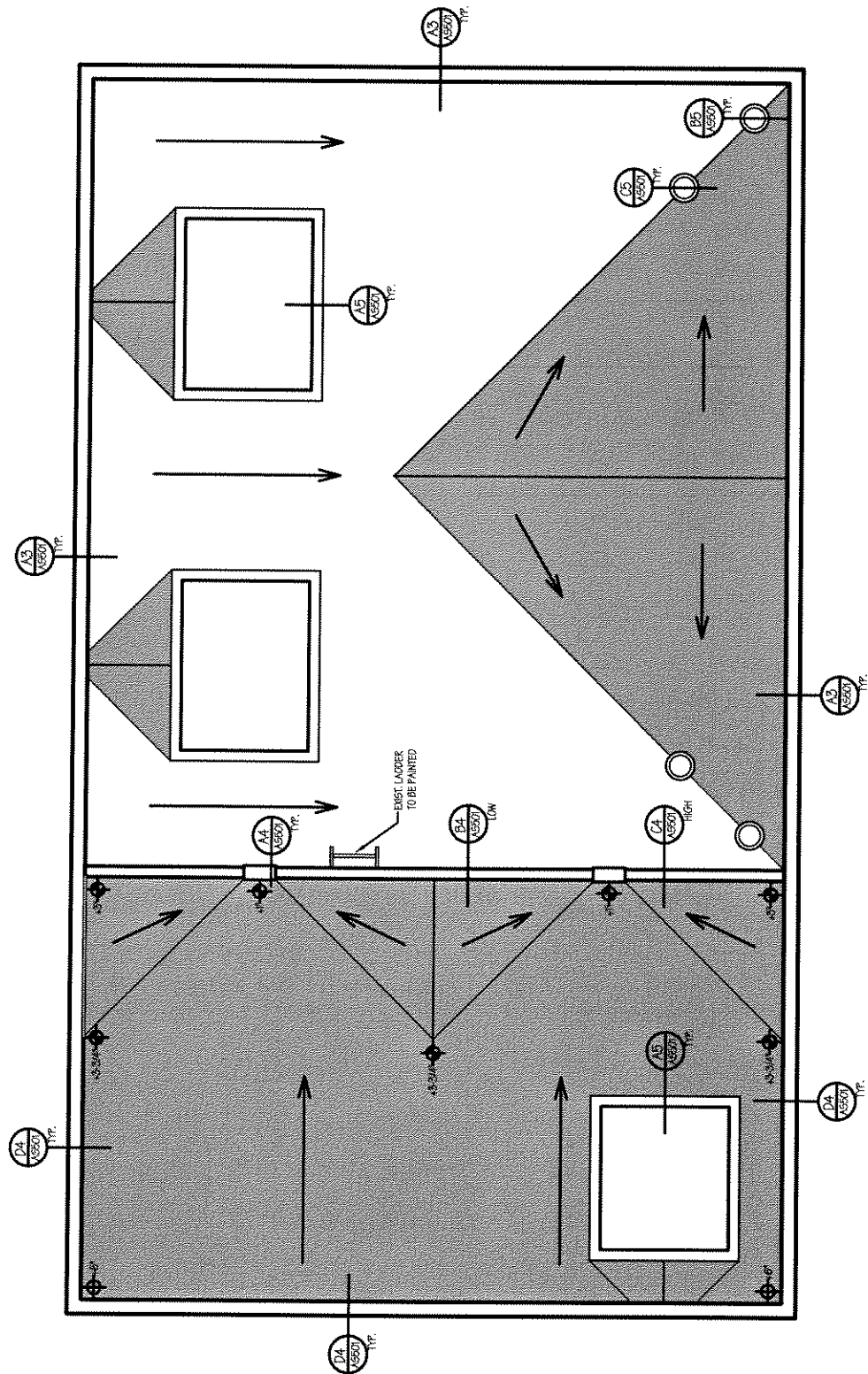
Any request and information related to Utah Preference Laws:

Respectfully submitted,

Name of Bidder

ADDRESS:

Authorized Signature



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REVISED ENLARGED RE-ROOF PLAN C1/AS101
PROVO WFS PROJECT - ADDENDUM 01

SCALE: 1/8"=1'-0"
DATE: 09 FEB 2005
CLIENT PROJ No 04210920
HFSa PROJ No 0426.01



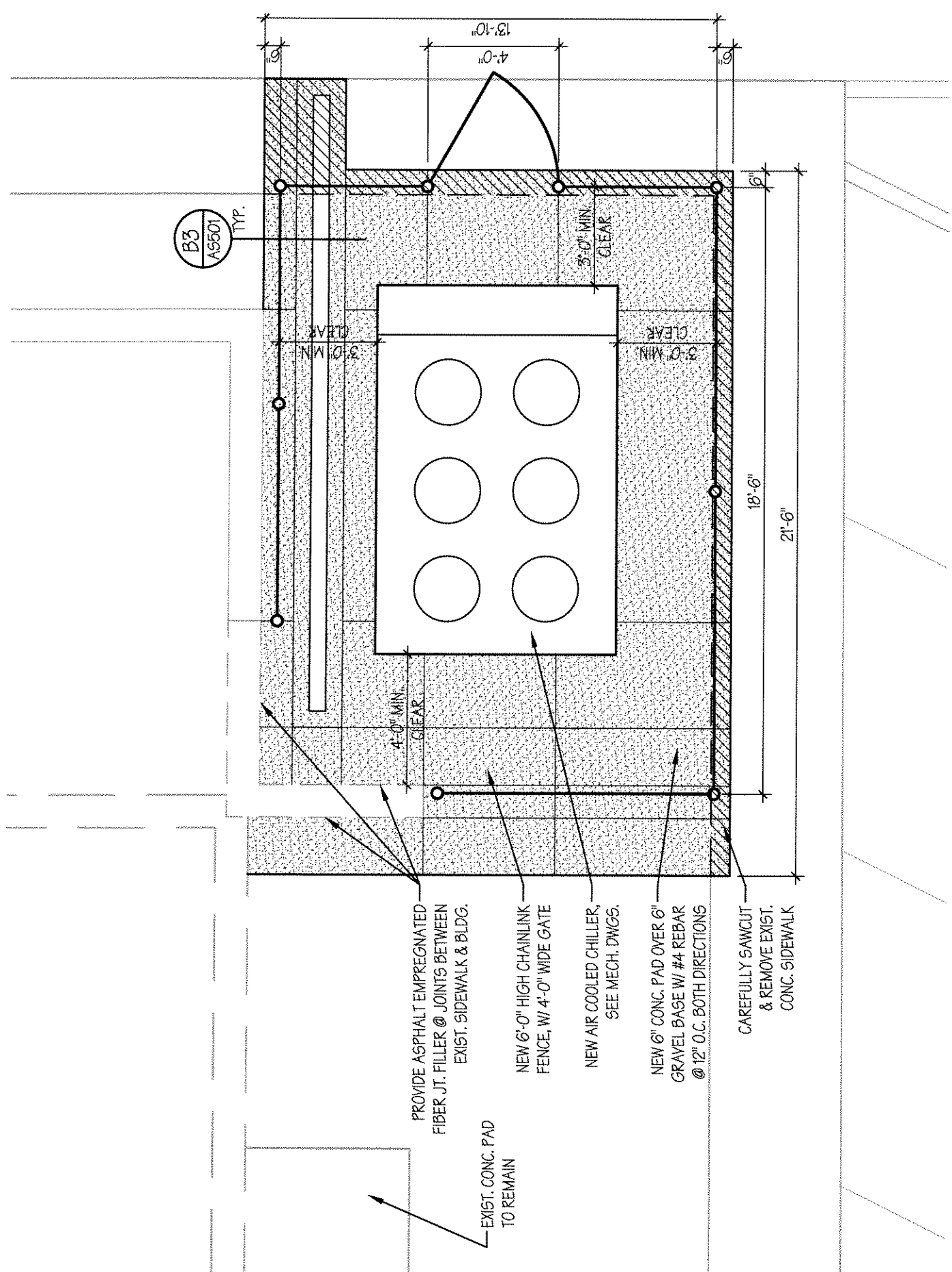
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REVISED ENLARGED SITE PLAN C4/AS101

PROVO WFS PROJECT - ADDENDUM 01

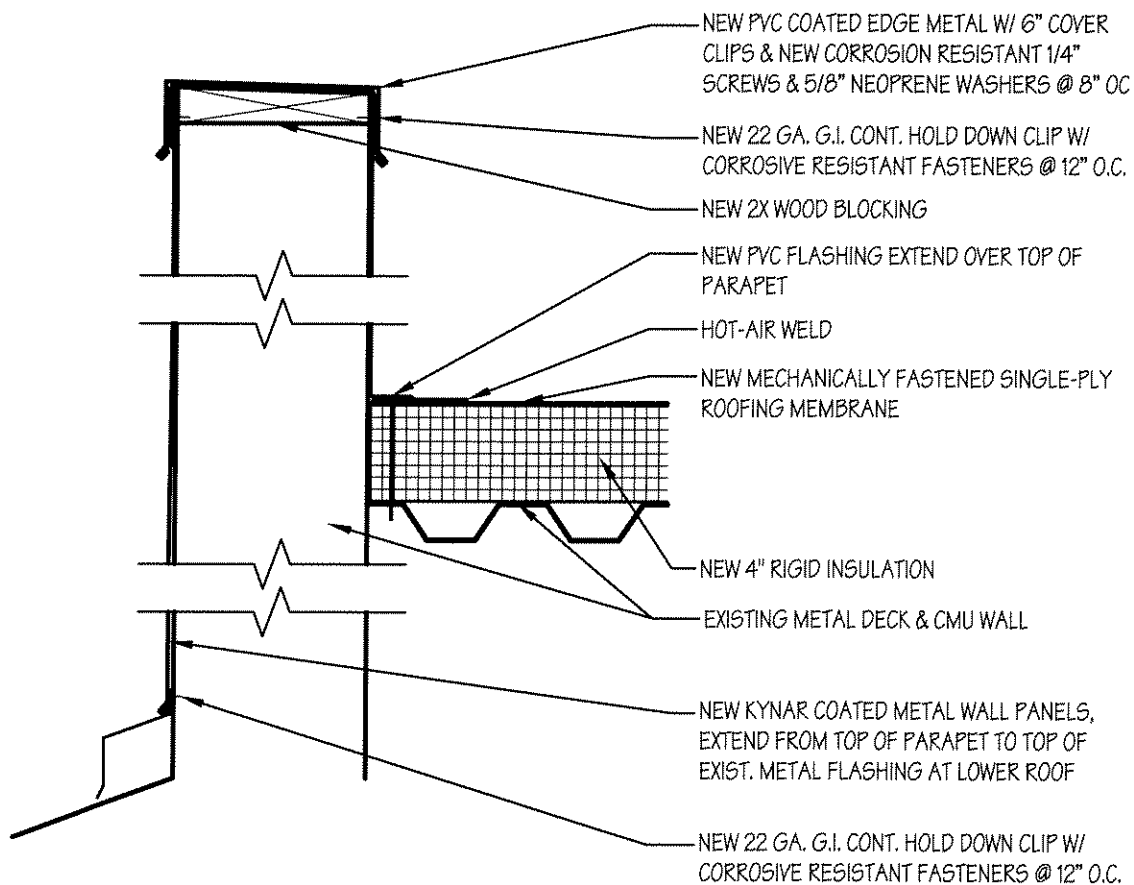
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DATE: 09 FEB 2005
CLIENT PROJ No 04210920
HFSA PROJ No 0426.01




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DETAIL A3/AS501 **PROVO WFS PROJECT - ADDENDUM 01**

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 DATE: 09 FEB 2005
 CLIENT PROJ No 04210920
 HFSA PROJ No 0426.01


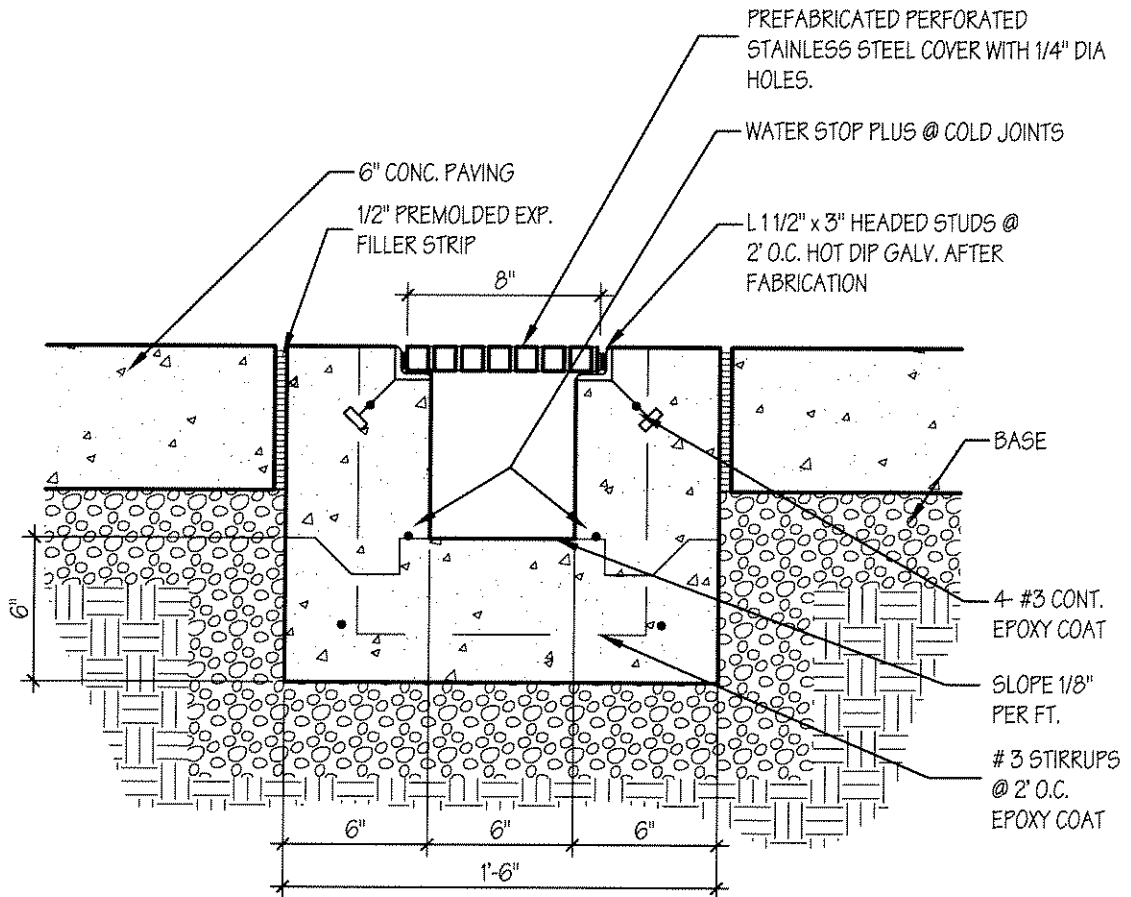


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DETAIL B3/AS501
PROVO WFS PROJECT - ADDENDUM 01

SCALE: 1-1/2"=1'-0"
DATE: 09 FEB 2005
CLIENT PROJ No 04210920
HFSA PROJ No 0426.01





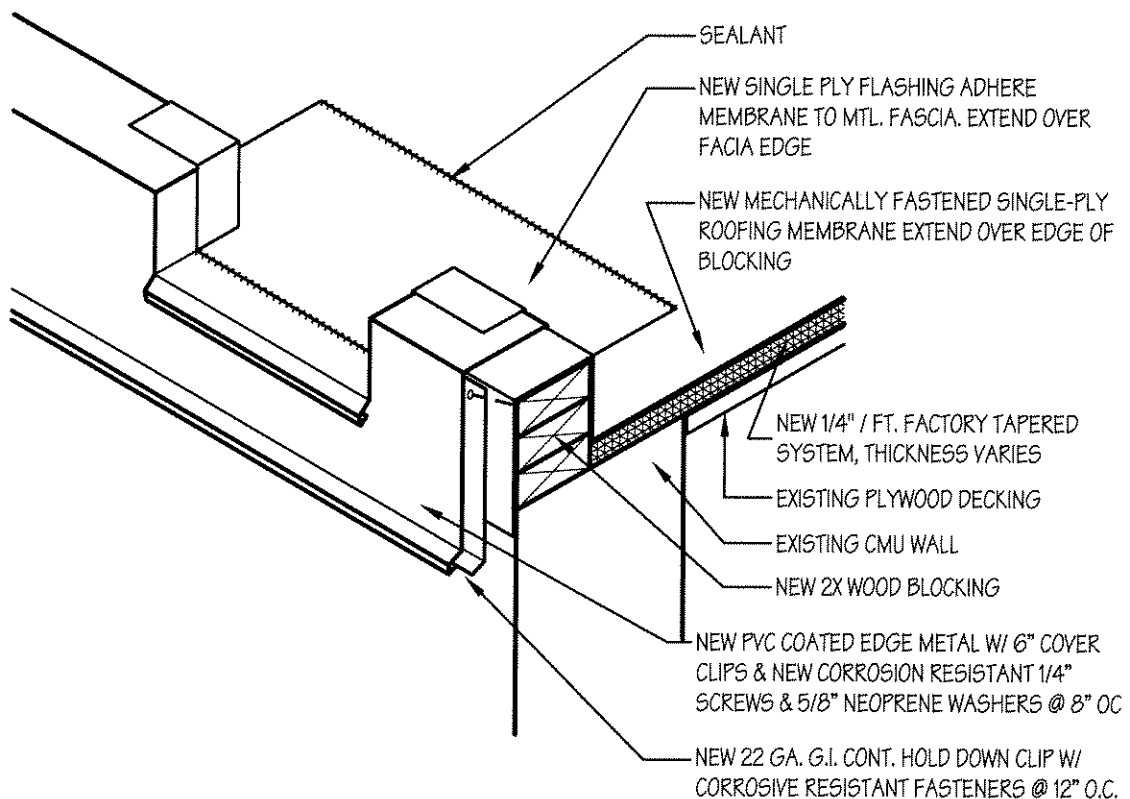
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DETAIL A4/AS501

PROVO WFS PROJECT - ADDENDUM 01

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DATE: 09 FEB 2005
CLIENT PROJ No 04210920
HFSA PROJ No 0426.01

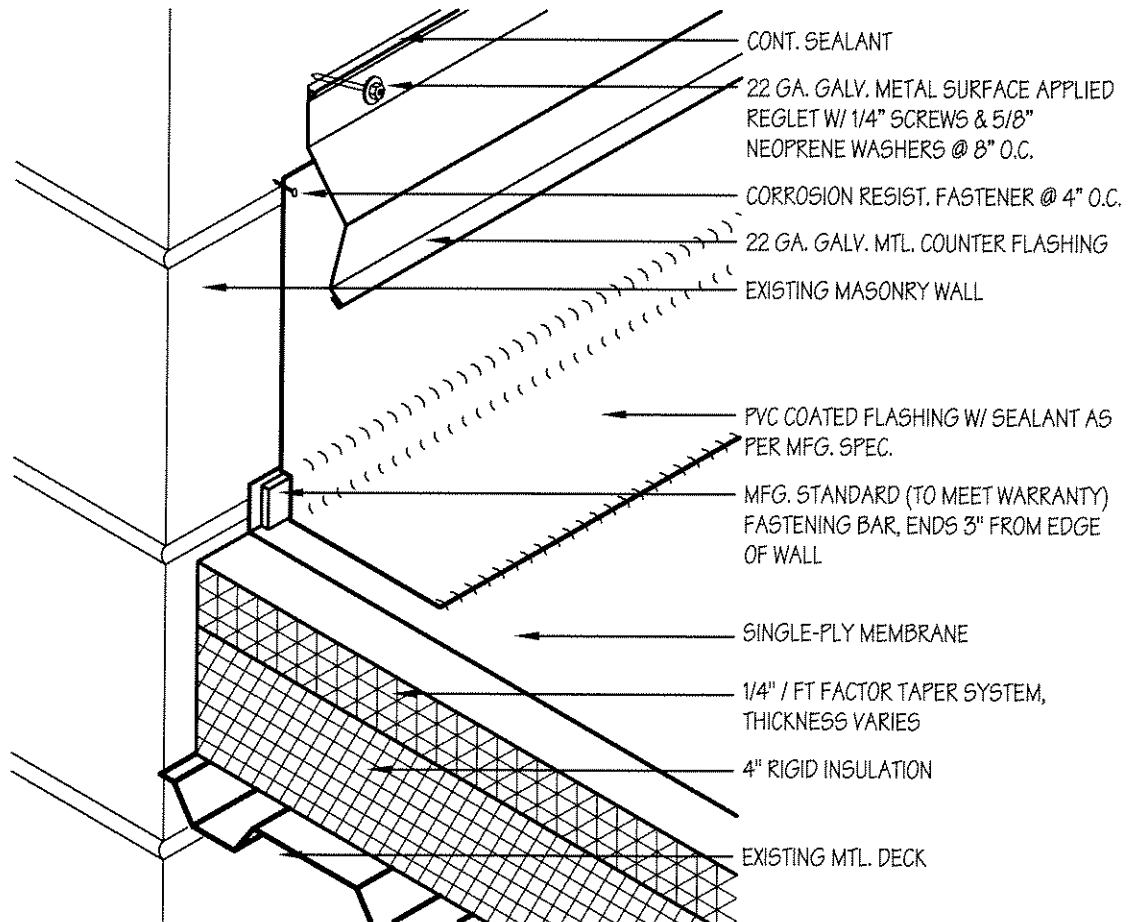


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DETAIL B4/AS501
PROVO WFS PROJECT - ADDENDUM 01

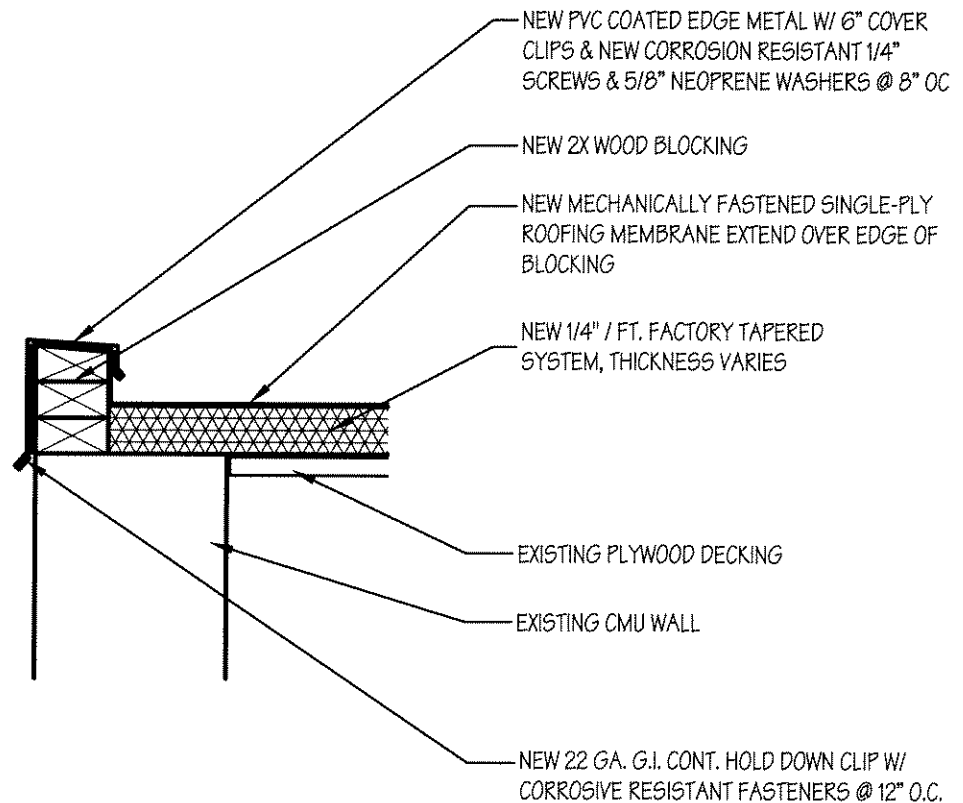
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HFSA PROJ No 0426.01




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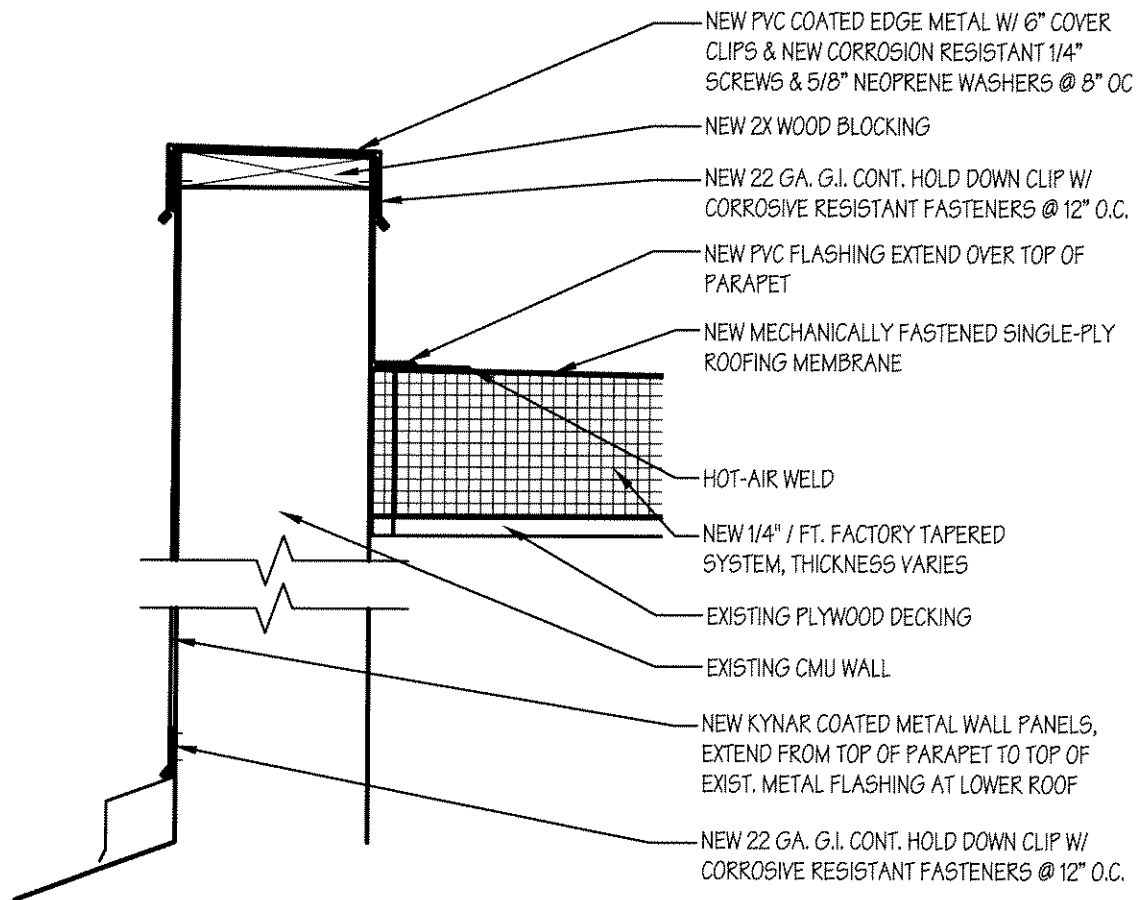
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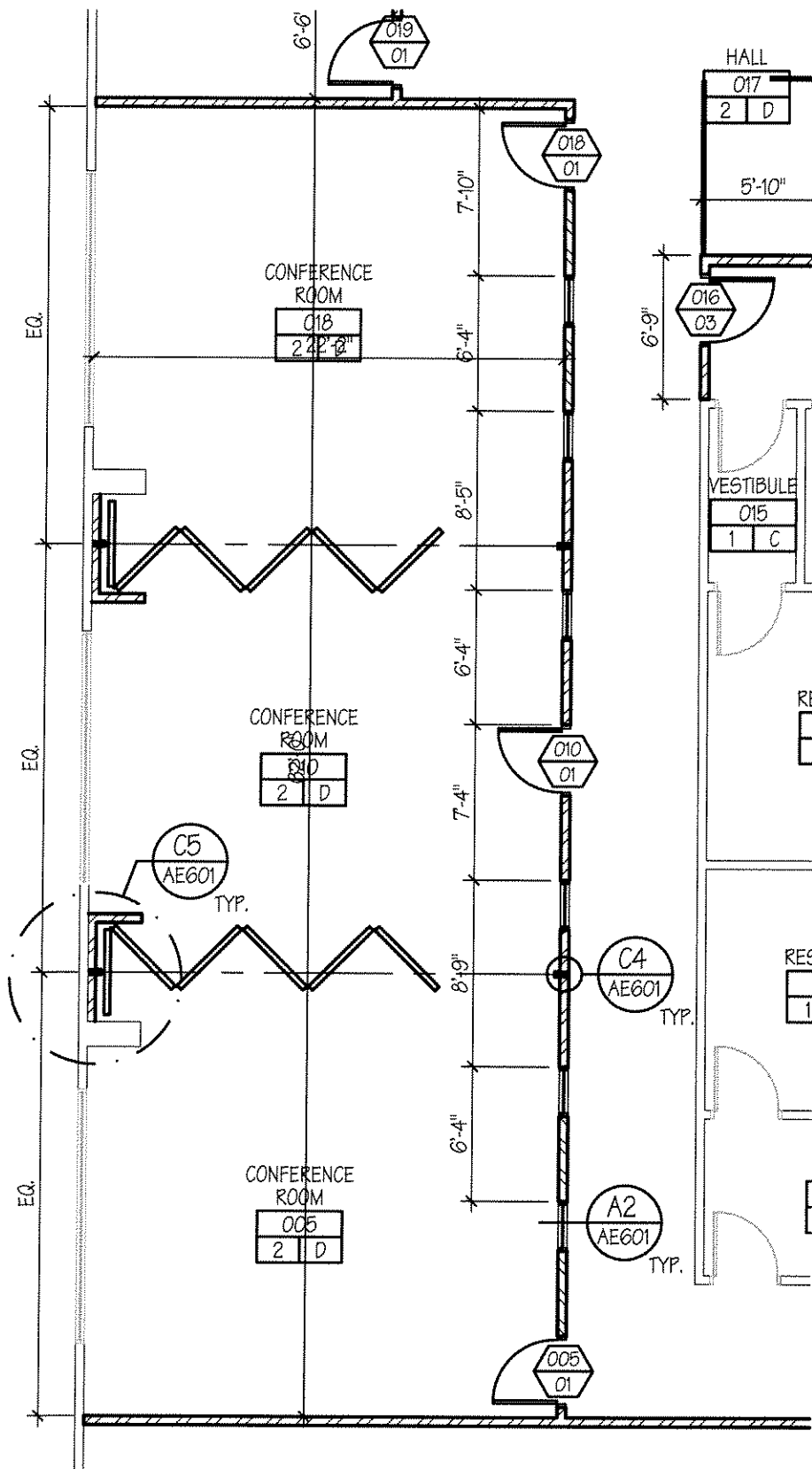
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 DATE: 09 FEB 2005
 CLIENT PROJ No 04210920
 HFSa PROJ No 0426.01



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DETAIL D4/AS501 **PROVO WFS PROJECT - ADDENDUM 01**

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 CLIENT PROJ No 04210920
 HFSA PROJ No 0426.01


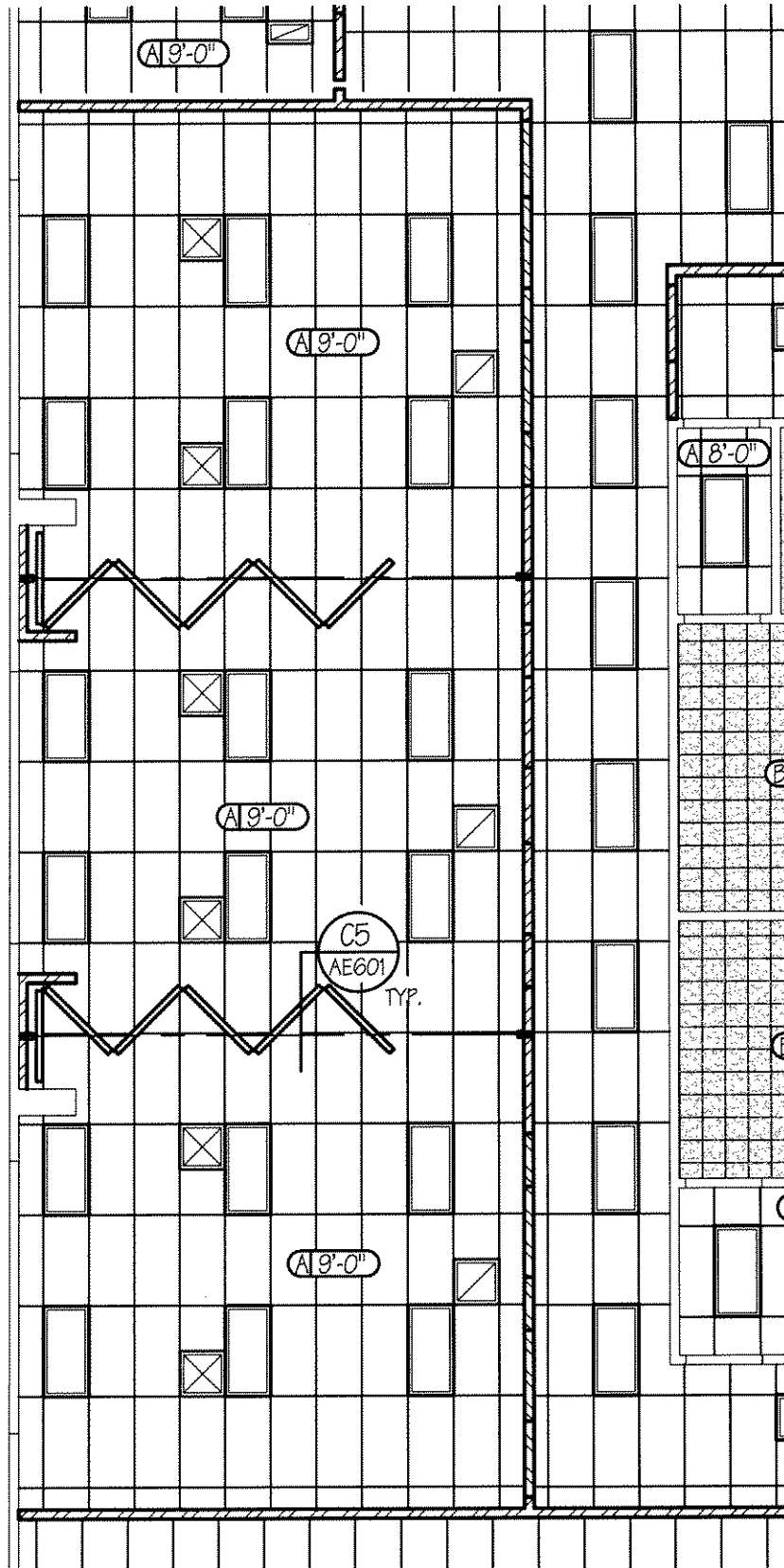


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**REVISED PARTIAL FLOOR PLAN A3/AE101
PROVO WFS PROJECT - ADDENDUM 01**

SCALE: 1/8"=1'-0"
DATE: 09 FEB 2005
CLIENT PROJ No 04210920
HFS PROJ No 0426.01

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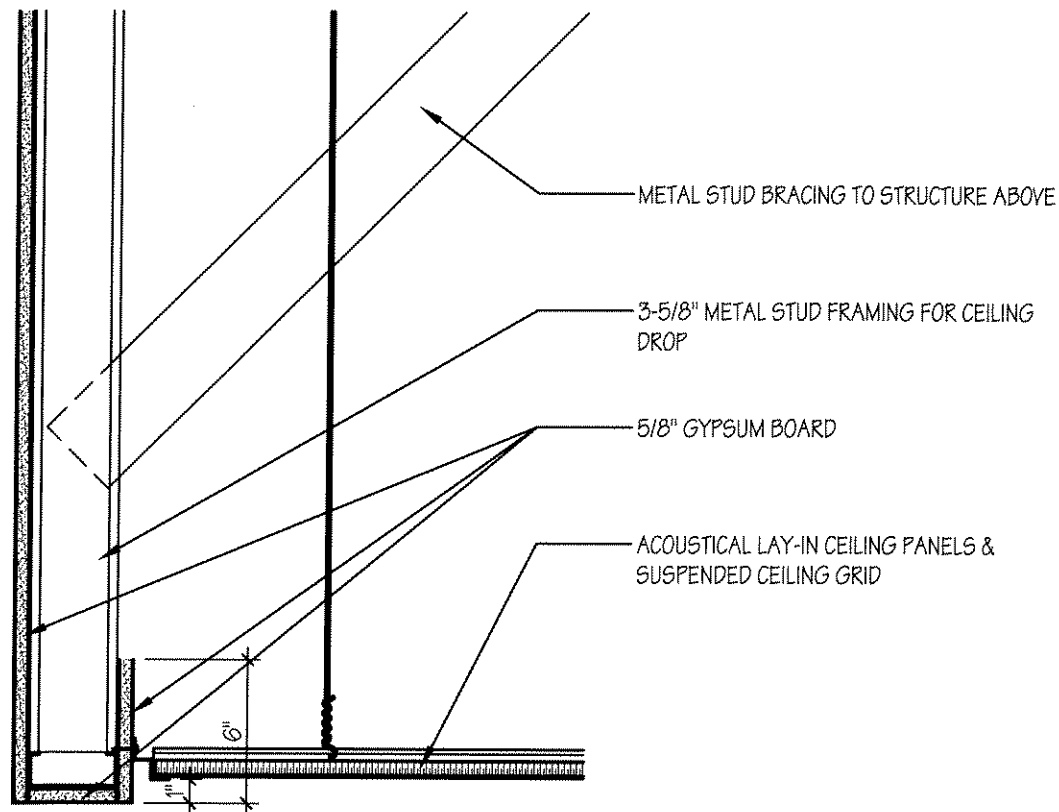


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**REVISED PARTIAL CEILING PLAN A3/AETH
PROVO WFS PROJECT - ADDENDUM 01**

SCALE: 1/8"=1'-0"
DATE: 09 FEB 2001
CLIENT PROJ No 0421092
HFSA PROJ No 0426.0

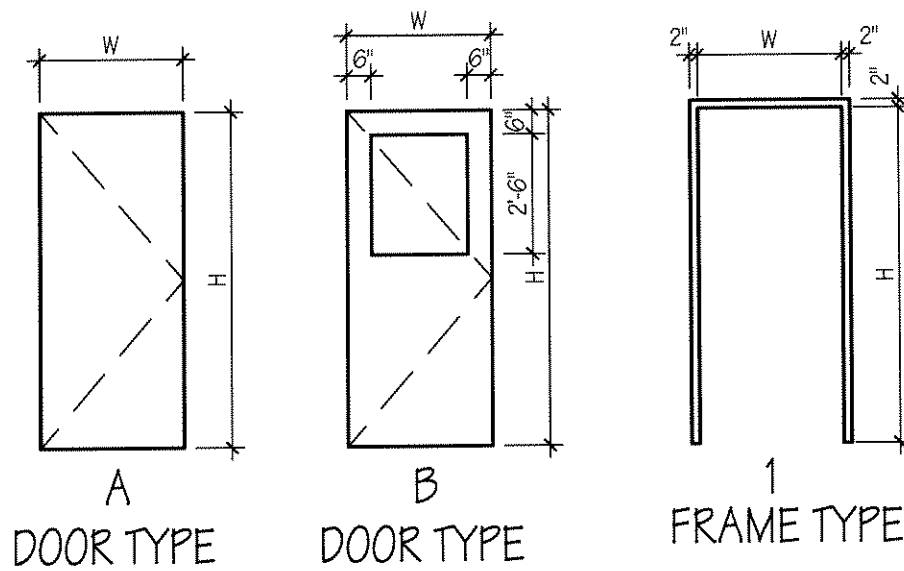


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DETAIL B4/AE501
PROVO WFS PROJECT - ADDENDUM 01

SCALE: 1-1/2"=1'-0"
DATE: 09 FEB 2005
CLIENT PROJ No 04210920
HFSa PROJ No 0426.01

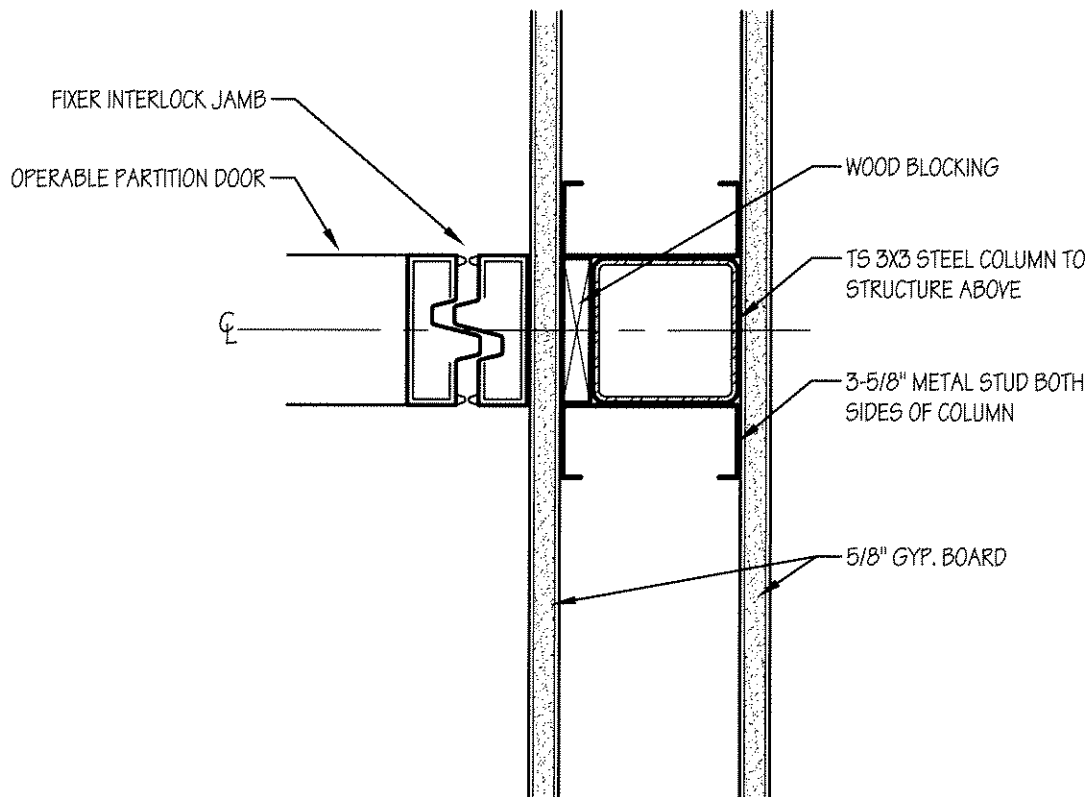


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REVISED DETAIL A3/AE601
PROVO WFS PROJECT - ADDENDUM 01

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DATE: 09 FEB 200
CLIENT PROJ No 0421092
HFSA PROJ No 0426.0



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REVISED DETAIL C4/AE601
PROVO WFS PROJECT - ADDENDUM 01

SCALE: 3"=1'-0"
DATE: 09 FEB 2004
CLIENT PROJ No 0421092
HFS PROJ No 0426.0

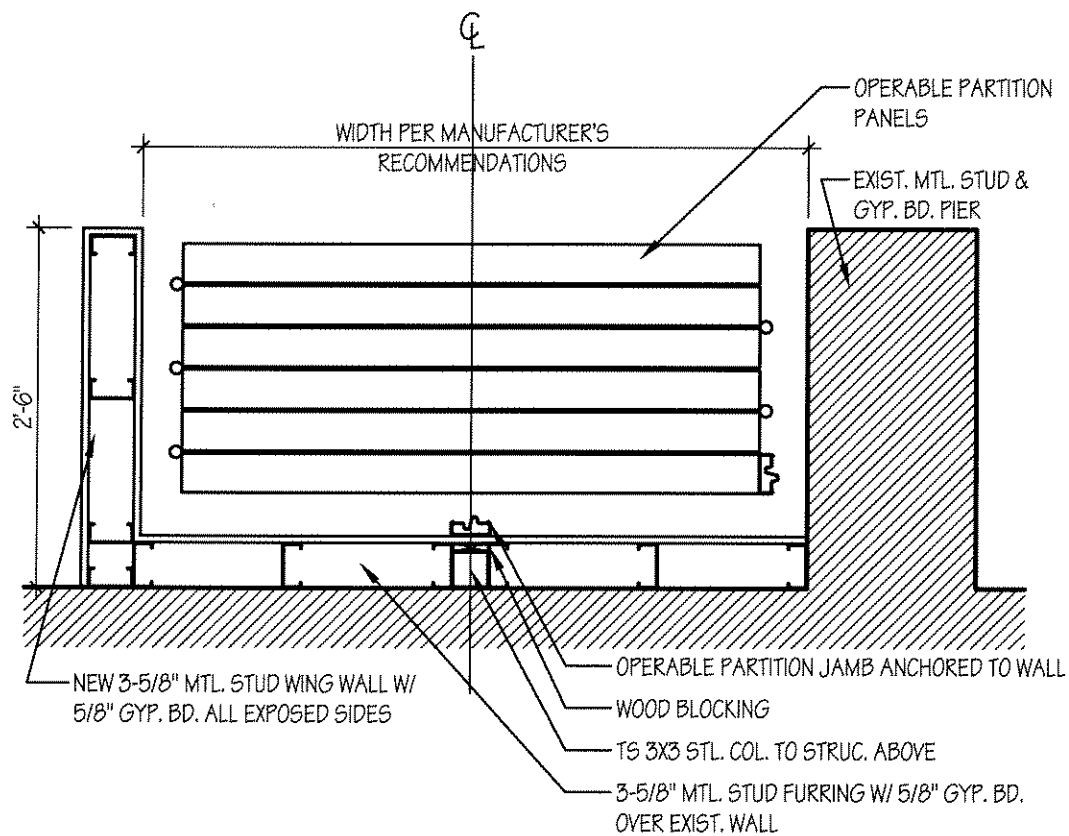


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REVISED DETAIL C5/AE601 PROVO WFS PROJECT - ADDENDUM 01

SCALE: 3/4"=1'-0"
DATE: 09 FEB 2005
CLIENT PROJ No 0421092C
HFSA PROJ No 0426.01



SHEET KEYNOTES

- 1 EXISTING SECURITY SYSTEM SENSOR TO REMAIN. REMOVE DURING DEMOLITION OF EXISTING CEILING. SEE ELECTRICAL PLAN SHEET EE100 FOR NEW REQUIREMENTS.
- 2 EXISTING FIRE ALARM DEVICE TO BE REMOVED. REMOVE ASSOCIATED CONDUIT AND WIRE.
- 3 EXISTING INTERCOM SPEAKER TO REMAIN. REMOVE DURING DEMOLITION OF EXISTING CEILING. SEE ELECTRICAL PLAN SHEET EE100 FOR NEW REQUIREMENTS.
- 4 EXISTING LIGHT FIXTURES TO REMAIN. REMOVE DURING DEMOLITION OF EXISTING CEILING. SEE ELECTRICAL PLAN SHEET EE100 FOR NEW REQUIREMENTS.
- 5 EXISTING LIGHT FIXTURE TO BE REMOVED AND TURNED OVER TO OWNER.
- 6 EXISTING EXIT SIGN TO BE REMOVED AND TURNED OVER TO OWNER.
- 7 EXISTING SWITCH TO BE REMOVED. REMOVE ASSOCIATED BOX, CONDUIT AND WIRE.
- 8 EXISTING SWITCH TO BE REWORKED. SEE SHEET EE100 FOR NEW REQUIREMENTS.

BNA

Consulting Engineers
Electrical Engineering
& Lighting Design

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PROVO WFS HVAC SYSTEM UPGRADE AND CEILING REPLACEMENT

DEPARTMENT OF WORKFORCE SERVICES
1550 NORTH UNIVERSITY PARKWAY
PROVO, UTAH

SCALE
N.T.S.

DRAWN
BNA

CHECKED
RLW

JOB NUMBER
04257A

REF. SHEET NUMBER
ED100

DATE:
02-07-2005

SHEET NUMBER

ESD-1

◇ SHEET KEYNOTES

- 1 EXISTING SECURITY SYSTEM SENSOR TO REMAIN. REMOVE DURING DEMOLITION OF EXISTING CEILING. SEE ELECTRICAL PLAN SHEET EE101 FOR NEW REQUIREMENTS.
- 2 EXISTING FIRE ALARM DEVICE TO BE REMOVED. REMOVE ASSOCIATED CONDUIT AND WIRE.
- 3 EXISTING INTERCOM SPEAKER TO REMAIN. REMOVE DURING DEMOLITION OF EXISTING CEILING. SEE ELECTRICAL PLAN SHEET EE101 FOR NEW REQUIREMENTS.
- 4 EXISTING LIGHT FIXTURES TO REMAIN. REMOVE DURING DEMOLITION OF EXISTING CEILING. SEE ELECTRICAL PLAN SHEET EE101 FOR NEW REQUIREMENTS.
- 5 EXISTING SWITCH TO BE REWORKED. SEE SHEET EE101 FOR NEW REQUIREMENTS.
- 6 EXISTING COMPUTER ROOM COOLING UNIT TO BE REMOVED BY DIVISION 15. REMOVE DISCONNECT, CONDUIT AND WIRE BACK TO PANEL AND LABEL BREAKER AS SPARE.
- 7 EXISTING LIGHT FIXTURE TO BE REMOVED AND TURNED OVER TO OWNER.
- 8 EXISTING EXIT SIGN TO BE REMOVED AND TURNED OVER TO OWNER.
- 9 EXISTING FIRE ALARM CONTROL PANEL TO BE REMOVED.
- 10 EXISTING SECURITY PANEL TO REMAIN.
- 11 EXISTING SWITCH TO BE REMOVED.
- 12 EXISTING TELEVISION CABLE DROP TO BE REWORKED. SEE SHEET EE102 FOR NEW REQUIREMENTS.
- 13 EXISTING FIRE ALARM REMOTE OPERATING PANEL TO BE REMOVED.

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Salt Lake City, Utah 84111
(801) 532-2196 FAX (801) 532-2305



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PROVO WFS HVAC SYSTEM UPGRADE AND CEILING REPLACEMENT

DEPARTMENT OF WORKFORCE SERVICES
1550 NORTH UNIVERSITY PARKWAY
PROVO, UTAH

SCALE
N.T.S.

DRAWN
BNA

CHECKED
RLW

JOB NUMBER
04257A

REF. SHEET NUMBER
ED101

DATE:
02-07-2005

SHEET NUMBER

ESD-2

SHEET KEYNOTES

- 1 EXISTING PANEL 'C' TO REMAIN.
- 2 EXISTING EXHAUST FAN TO BE REMOVED BY DIVISION 15. REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO PANEL AND LABEL BREAKER AS SPARE.
- 3 EXISTING CONDENSING UNIT TO BE REMOVED BY DIVISION 15. REMOVE ASSOCIATED DISCONNECT, CONDUIT AND WIRE BACK TO PANEL AND LABEL AS SPARE.
- 4 EXISTING CHILLER TO BE REMOVED BY DIVISION 15. REMOVE ASSOCIATED DISCONNECT, CONDUIT AND WIRE BACK TO MAIN DISTRIBUTION PANEL AND LABEL SWITCH AS SPARE.
- 5 EXISTING DISCONNECT TO BE REMOVED. REMOVE ASSOCIATED CONDUIT AND WIRE.
- 6 EXISTING PUMP TO BE REMOVED BY DIVISION 15. REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO MOTOR CONTROL CENTER (MCC) AND LABEL BUCKET AS SPARE.
- 7 EXISTING BOILER AND PUMP TO BE REMOVED BY DIVISION 15. REMOVE ASSOCIATED DISCONNECTS, CONDUIT AND WIRE BACK TO PANEL AND LABEL BREAKER AS SPARE.
- 8 EXISTING COMPRESSOR TO BE REMOVED BY DIVISION 15. REMOVE ASSOCIATED DISCONNECTS, CONDUIT AND WIRE BACK TO PANEL AND LABEL BREAKER AS SPARE.
- 9 EXISTING AIR DRYER TO BE REMOVED BY DIVISION 15.
- 10 EXISTING ATC PANEL TO BE REMOVED BY DIVISION 15. REMOVE ASSOCIATED CONDUIT AND WIRE.
- 11 EXISTING ELECTRICAL WATER HEATER TO BE RELOCATED BY DIVISION 15. SEE SHEET EE102 FOR NEW REQUIREMENTS.

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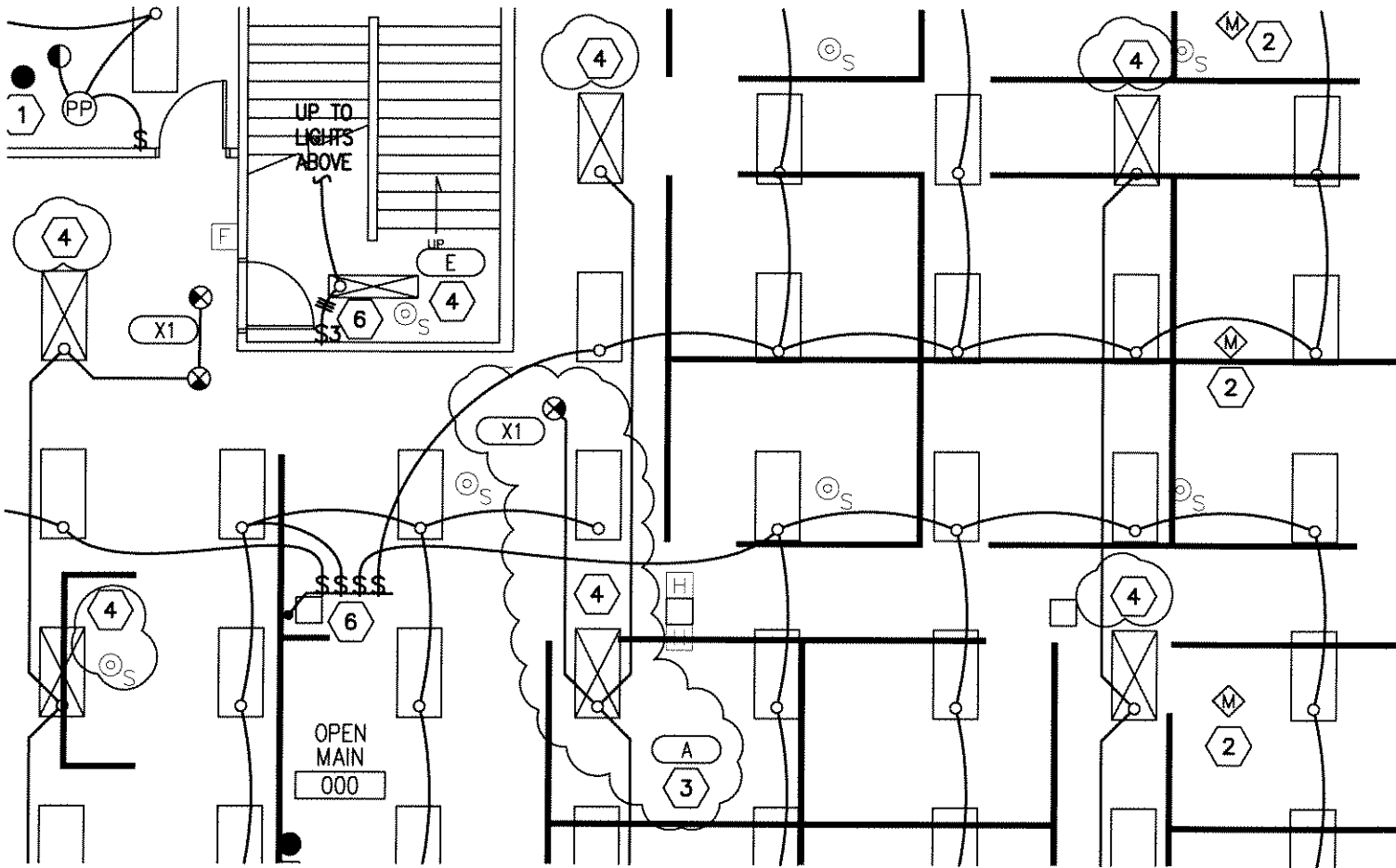
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DEPARTMENT OF WORKFORCE SERVICES
1550 NORTH UNIVERSITY PARKWAY
PROVO, UTAH

SCALE N.T.S.		DATE: 02-07-2005
DRAWN BNA	CHECKED RLW	SHEET NUMBER
JOB NUMBER 04257A		ESD-3
REF. SHEET NUMBER ED102		



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PROVO, UTAH

SCALE
1/8" = 1'-0"

DRAWN
BNA

CHECKED
RLW

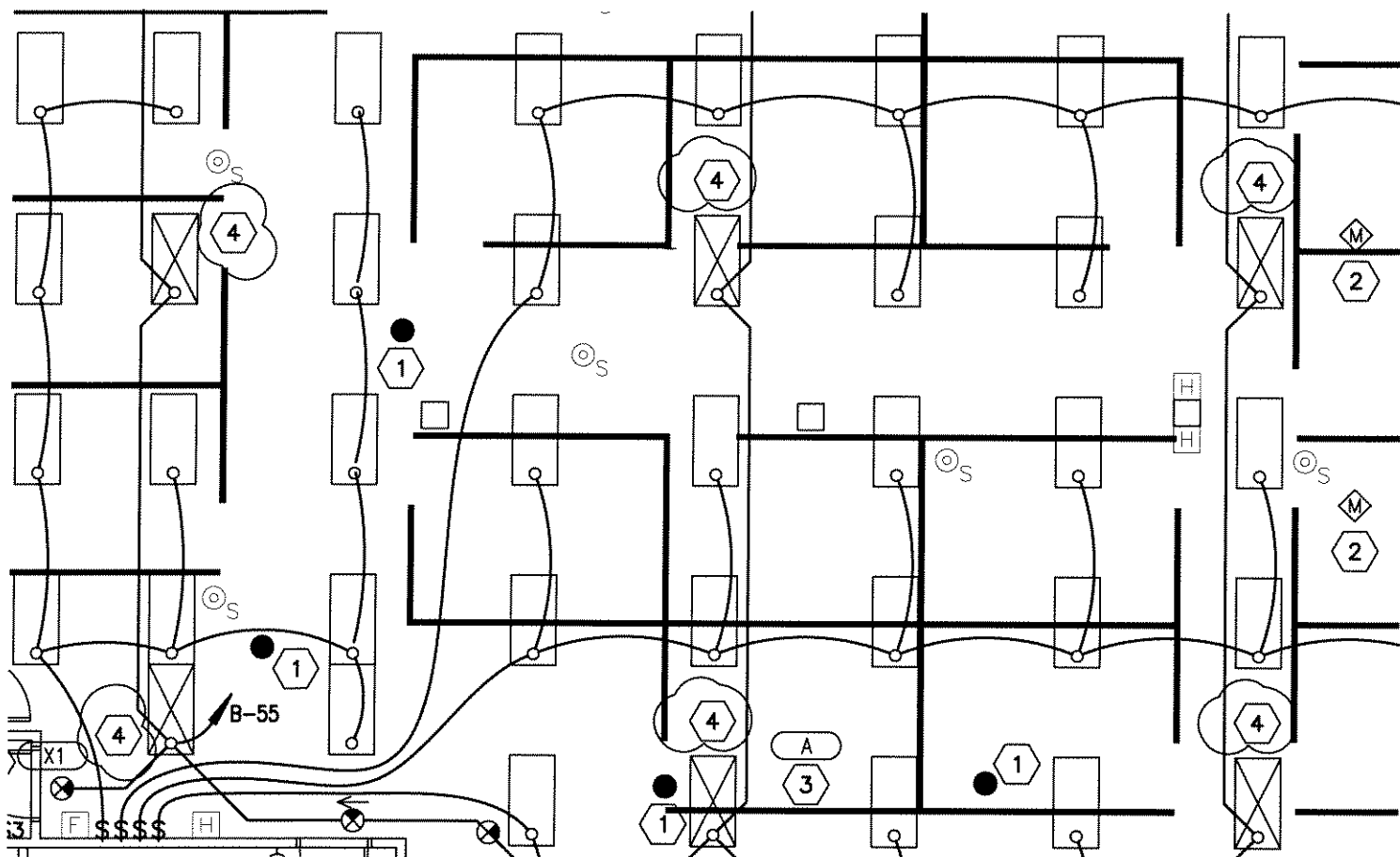
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EE100

DATE:
02-07-2005

SHEET NUMBER

ESD-4



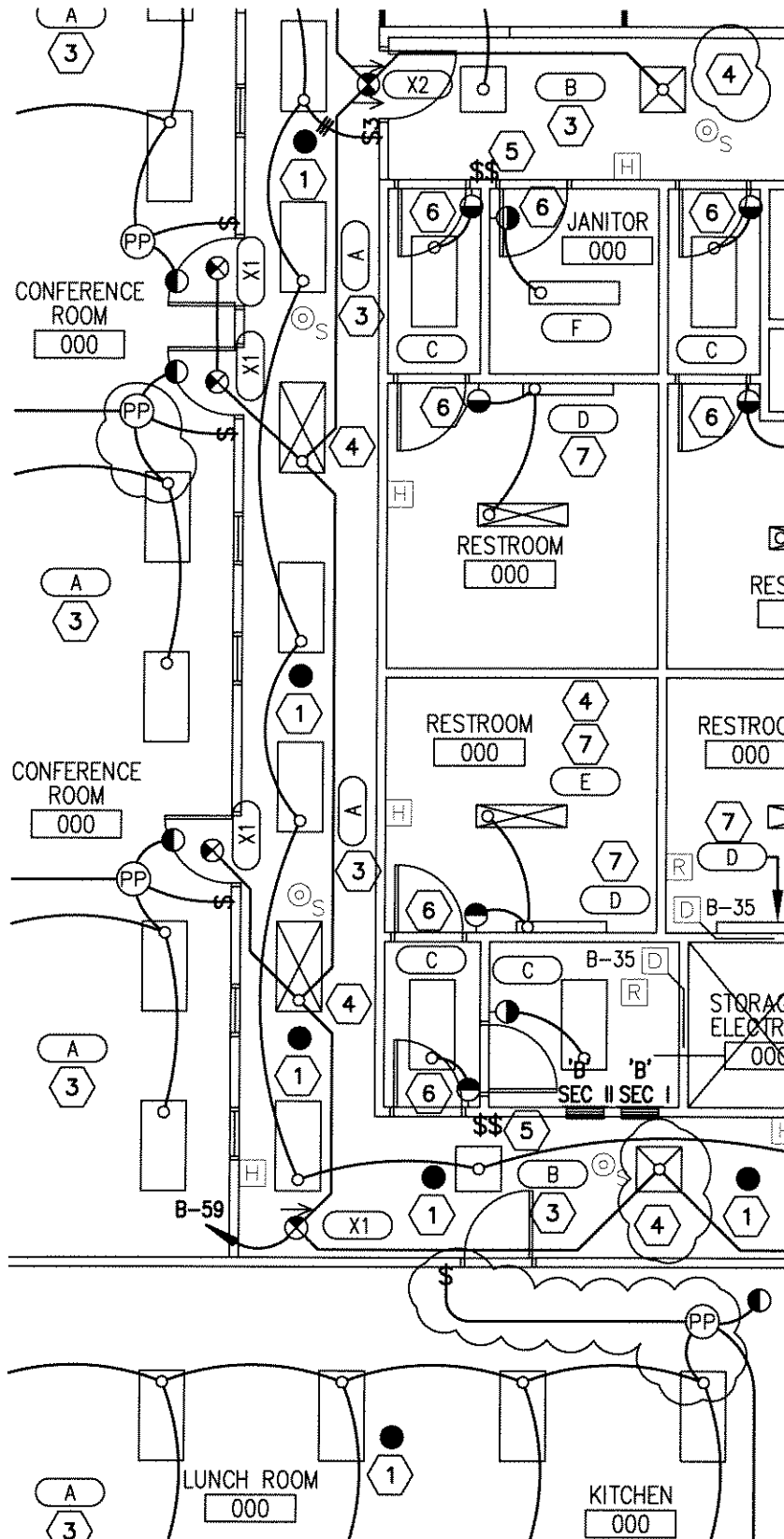
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SCALE 1/8" = 1'-0"		DATE: 02-07-2005
DRAWN BNA	CHECKED RLW	SHEET NUMBER
JOB NUMBER 04257A		ESD-5
REF. SHEET NUMBER EE100		



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SCALE
1/8" = 1'-0"

DRAWN
BNA

CHECKED
RLW

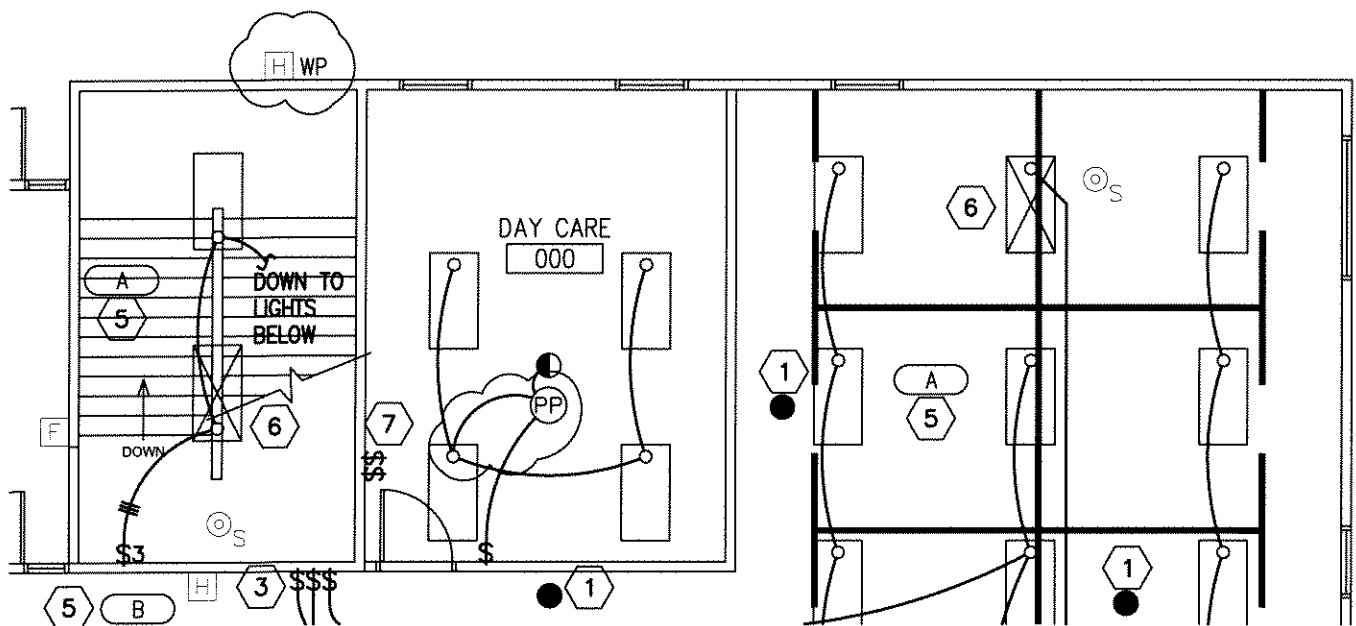
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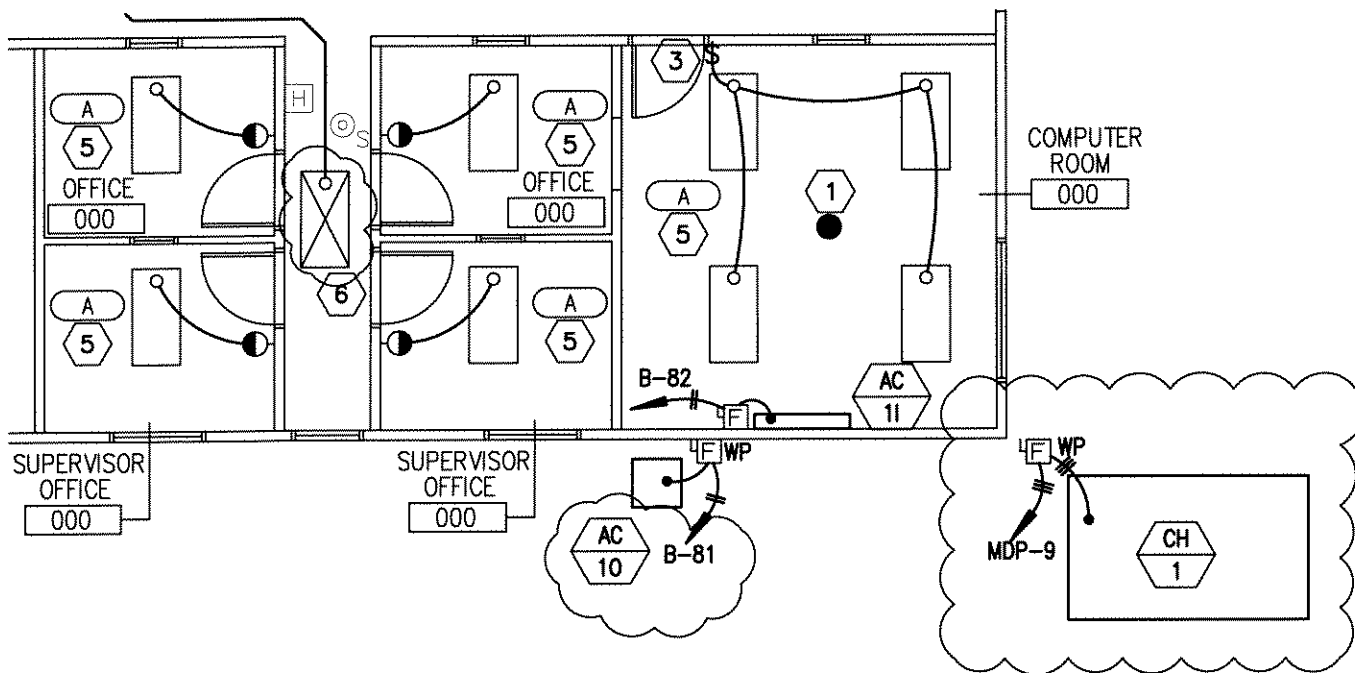
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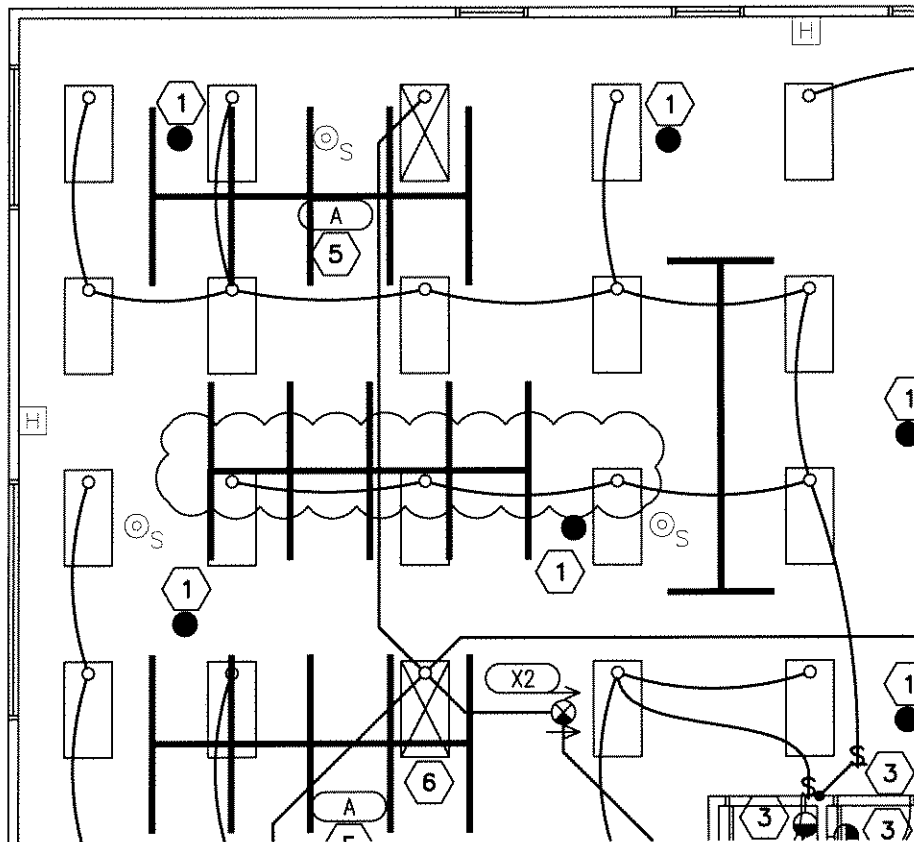
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ESD-6









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SCALE
1/8" = 1'-0"

DRAWN
BNA

CHECKED
RLW

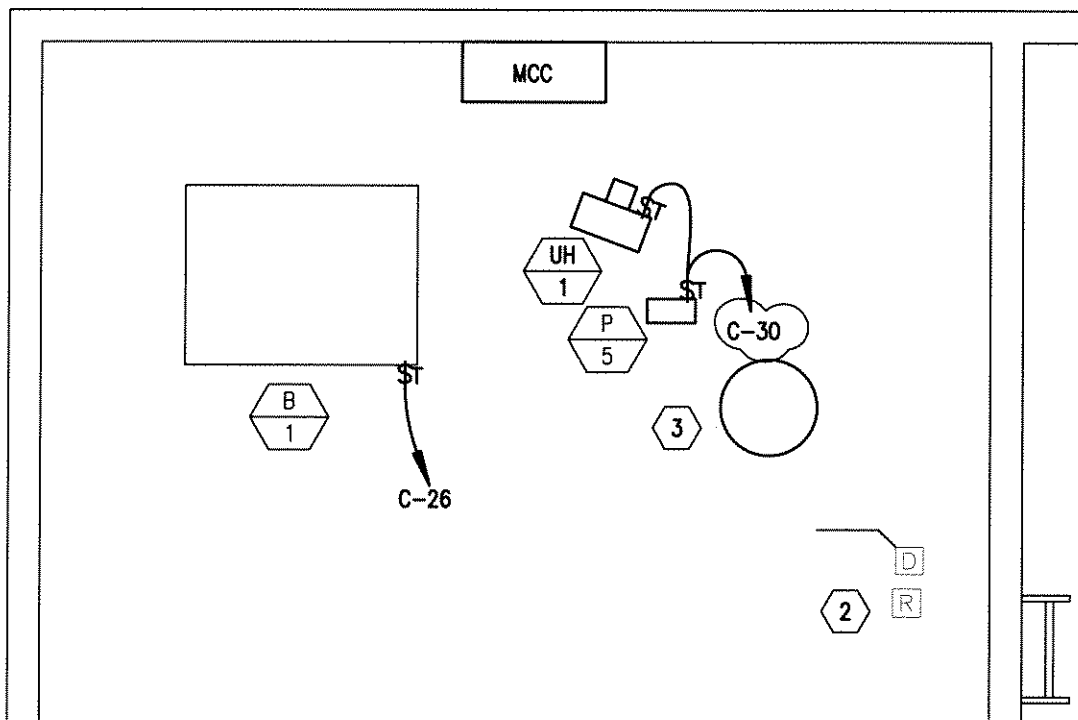
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DATE:
02-07-2005

SHEET NUMBER

ESD-10



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SCALE
1/4" = 1'-0"

DRAWN
BNA

CHECKED
RLW

JOB NUMBER
04257A

REF. SHEET NUMBER
EE102

DATE:
02-07-2005

SHEET NUMBER

ESD-11

SHEET KEYNOTES

- 1 PROVIDE NEW FEED TO NEW CHILLER FROM EXISTING FUSE SWITCH. REFER TO EQUIPMENT SCHEDULE FOR CONDUIT AND WIRE SIZE.
- 2 EXISTING STARTER BUCKET IN MOTOR CONTROL CENTER.
- 3 PROVIDE NEW **STARTER** BUCKET IN MOTOR CONTROL CENTER (SQ. D MODEL 4).

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SCALE
N.T.S.

DRAWN
BNA

JOB NUMBER
04257A

REF. SHEET NUMBER
EX501

DATE:
02-07-2005

SHEET NUMBER

ESD-12